

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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TIMOTHY P. MURRAY
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JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

02/25/2011

Mark Donovan
Assistant District Attorney, Bristol County
[REDACTED]

Dear ADA Donovan,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan & Della Saunders
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Della Saunders was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely

A handwritten signature in black ink, appearing to read "Annie Khan".

Annie Khan (Dookhan)
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631
Annie.Khan@state.ma.us

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

* Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Della Saunders

Education:

Boston University Boston, MA. Bachelors of Arts in Chemistry 1982

Experience:

1985-present: Currently Chemist III Massachusetts Department of Public Health Drug Analysis Laboratory at State Laboratory Institute Boston, MA. Responsible for analyzing unknown substances submitted by Massachusetts law enforcement agencies; operating, maintaining, and interpreting data from analytical equipment (analytical balance, microscope, gas chromatogram, ultraviolet spectrometer, infrared spectrometer, gas chromatogram/mass spectrometer); training junior level chemists; providing expert testimony to local, state, and federal courts in the Commonwealth of Massachusetts.

1984-1985: Laboratory Technician in the Media Laboratory at State Laboratory Institute Boston, MA. Responsible for making chemical reagents and media plates; operating and maintaining laboratory equipment (autoclave, pH meter, ultra-violet hood), and collecting safety data for laboratory protocols.

Training:

1985: Six week training with Senior Staff at Massachusetts Department of Public Health (MDPH) Drug Analysis Laboratory Boston, MA. Appointed Assistant Analyst MDPH

1987: One week training course in drug analysis given by the Federal Drug Enforcement Agency (DEA) McLean, VA.

1992: Training in Gas Chromatograph/Mass Spectroscopy (GC/MS) Hewlett Packard (Agilent)

1996: Training in Fourier Transform Infra-Red Spectroscopy ETA (Analect)

2001: Expert Witness Workshop National Laboratory Training network Quality Assurance/Quality Control Training (MDPH)

2002: Techniques of Supervision Training (MDPH)

1999: Notary Public Commonwealth of Massachusetts

No. [REDACTED]

Date Analyzed: DEC 14 2010

City: North Attleboro Police Dept.

Officer: Detective MICHAEL ELLIOTT

Def: [REDACTED]

Amount: 45.0

Subst: TAB

No. Cont: 1 Cont: pb

Date Rec'd: 09/10/2010

No. Analyzed:

Gross Wt.: 10.79

Net Weight: 9.19

Tests: 10 C

Prelim: Methadone

Findings: Methadone

DRUG POWDER ANALYSIS FORM

SAMPLE # XXXXXXXXXX AGENCY DOJ ANALYST ABJ
No. of samples tested: 1 ATHebno. Evidence Wt. 1.1957

PHYSICAL DESCRIPTION: Gross Wt (): 1.1957

45 white round tablet + broken tablet Gross Wt (): 1.1957

Wt 1.1957

Pkg. Wt: 1.1957

Net Wt: 1.1957



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Morphine A + VP

PRELIMINARY TEST RESULTS

RESULTS Methadone

DATE 12-8-10

GC/MS CONFIRMATORY TEST

RESULTS Methadone

MS
OPERATOR DCS

DATE 12-14-10

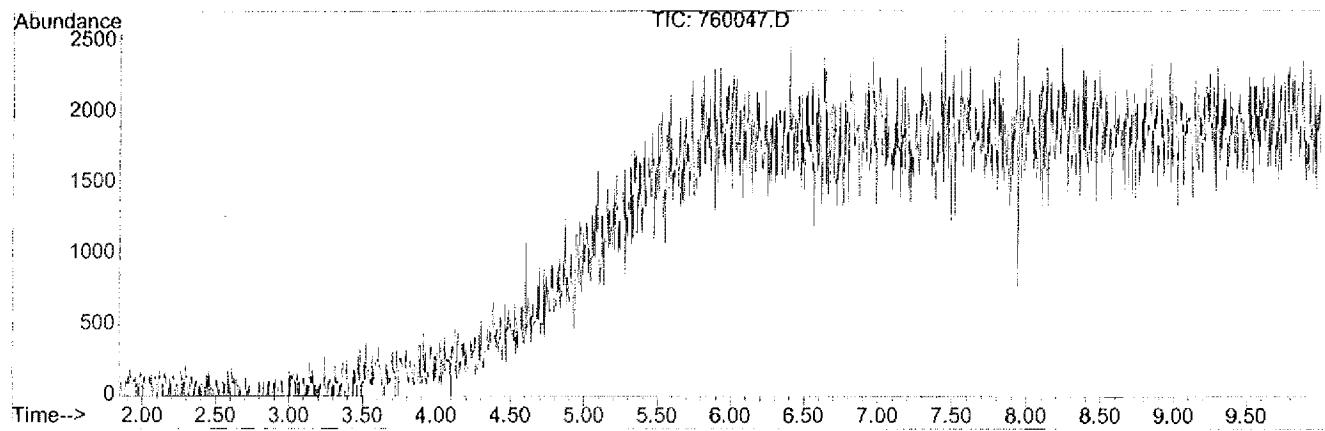
POISINDEX® Product List**Methadone Hydrochloride****Regulatory-Status:** Schedule II**Ingredients****Active-Ingredient:** Methadone Hydrochloride - 10 MG**Availability & Manufacturing****Availability:** United States**Available-Container-Sizes:** unit dose package of 100; Bottle of 100**Contact:** Roxane Laboratories**Product ID:** 3285503**AAPCC Code:** 037703 - Methadone**Registry Numbers:** NDC 00054-8554-24
NDC 00054-4571-25**Physical Description****Imprint:** 54; 142**Form:** Tablet**Color:** white

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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_10_10\760047.D
Operator : DCS
Date Acquired : 10 Dec 2010 21:40
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



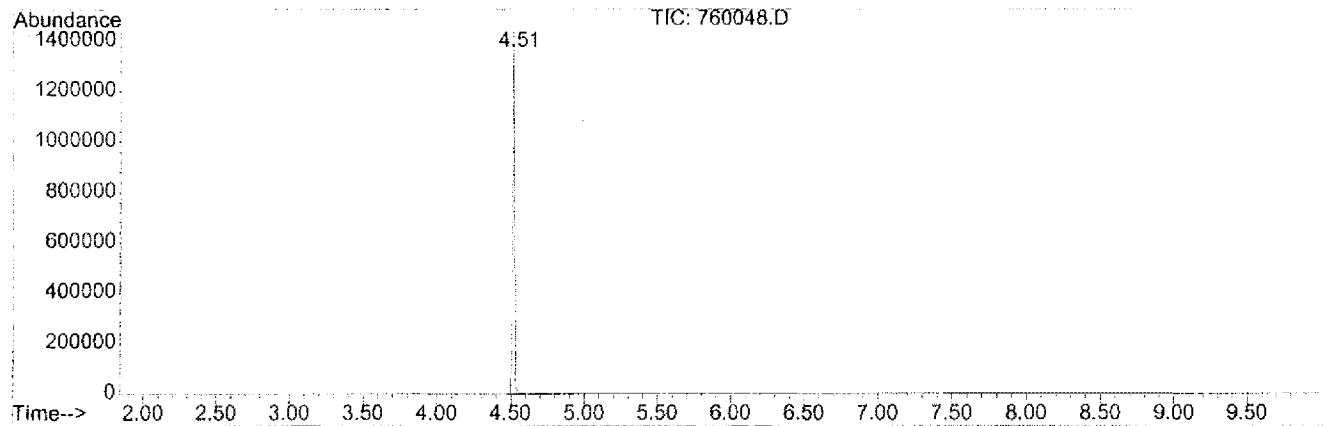
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_10_10\760048.D
Operator : DCS
Date Acquired : 10 Dec 2010 21:53
Sample Name : METHADONE STANDARD
Submitted by :
Vial Number : 48
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.514	1304088	100.00	100.00

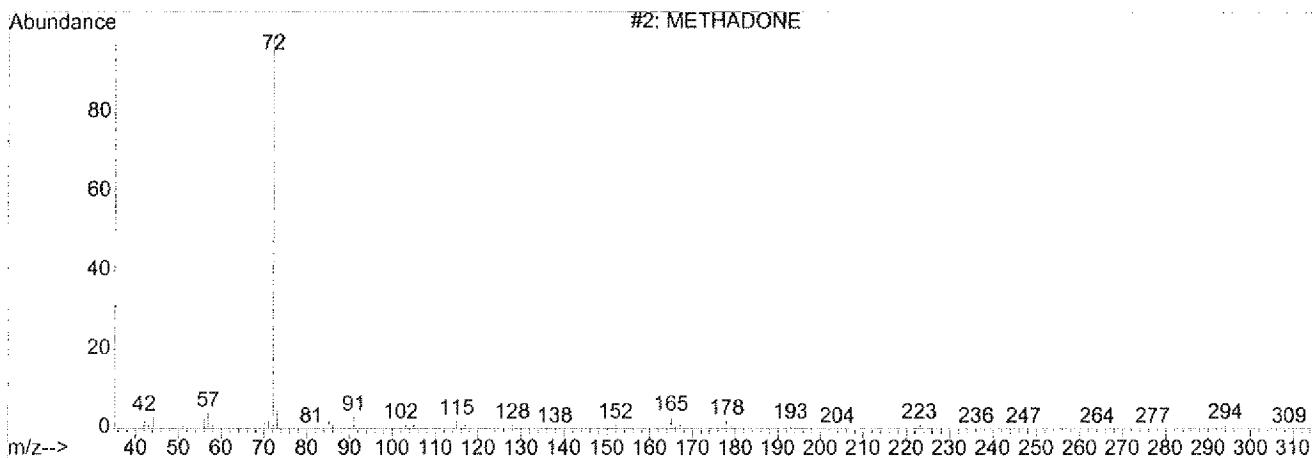
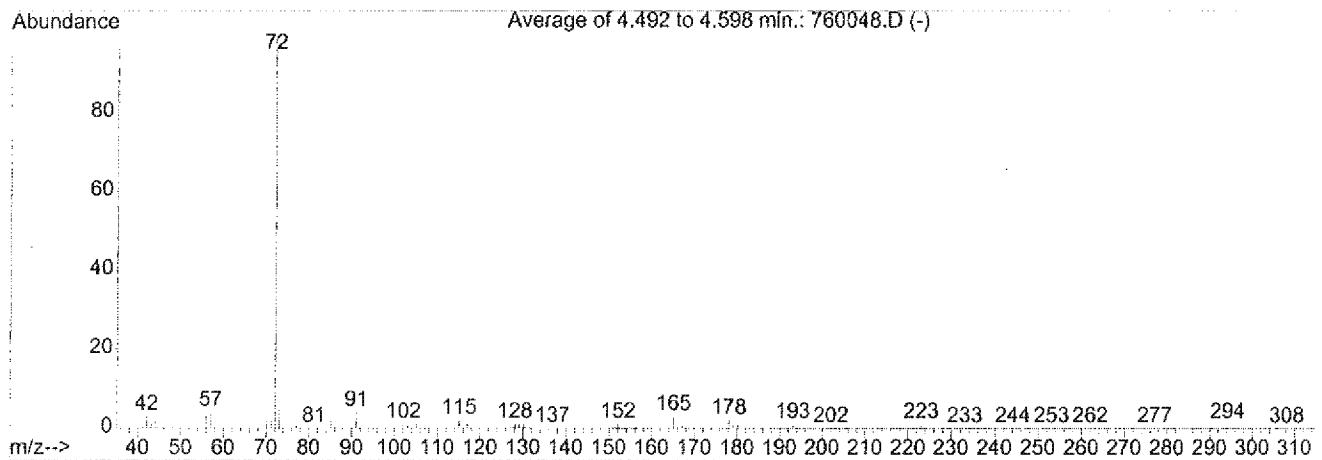
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_10_10\760048.D
Operator : DCS
Date Acquired : 10 Dec 2010 21:53
Sample Name : METHADONE STANDARD
Submitted by :
Vial Number : 48
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

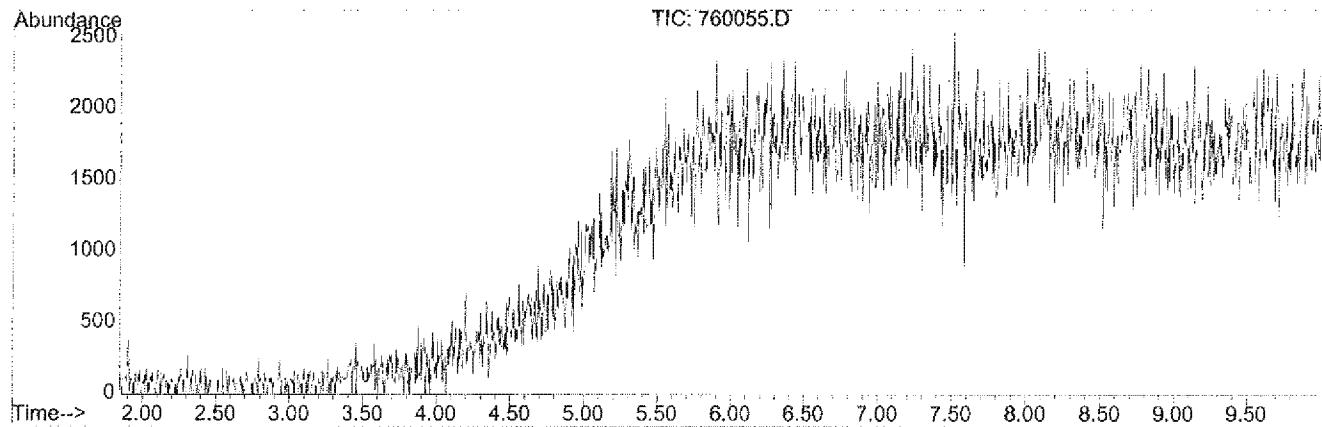
PK#	RT	Library/ID	CAS#	Qual
1	4.51	C:\DATABASE\SLI.L METHADONE	001095-90-5	97



Area Percent / Library Search Report

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File Name : F:\Q4-2010\SYSTEM4\12_10_10\760055.D
Operator : DCS
Date Acquired : 10 Dec 2010 23:28
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



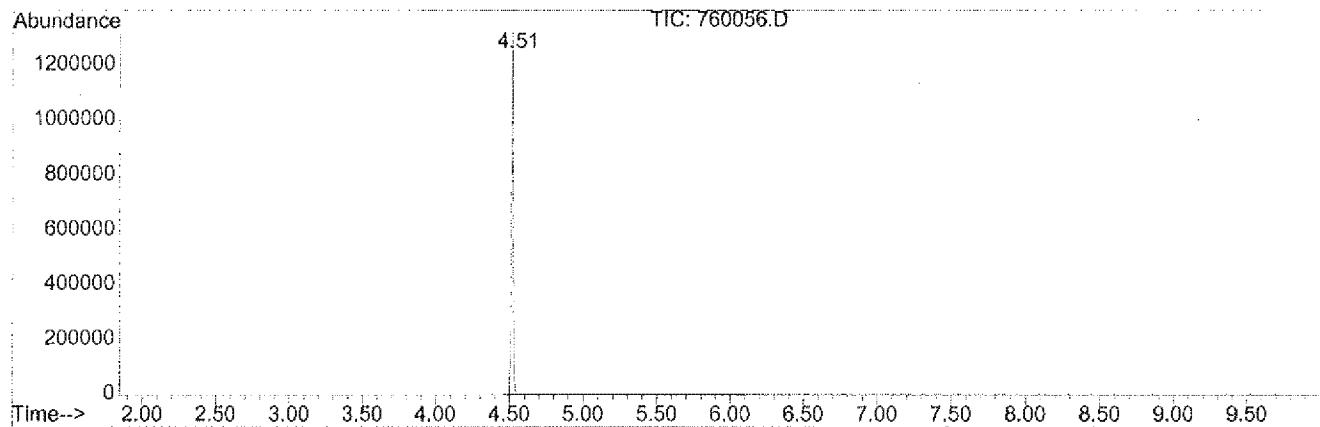
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_10_10\760056.D
Operator : DCS
Date Acquired : 10 Dec 2010 23:42
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 56
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.514	1166640	100.00	100.00

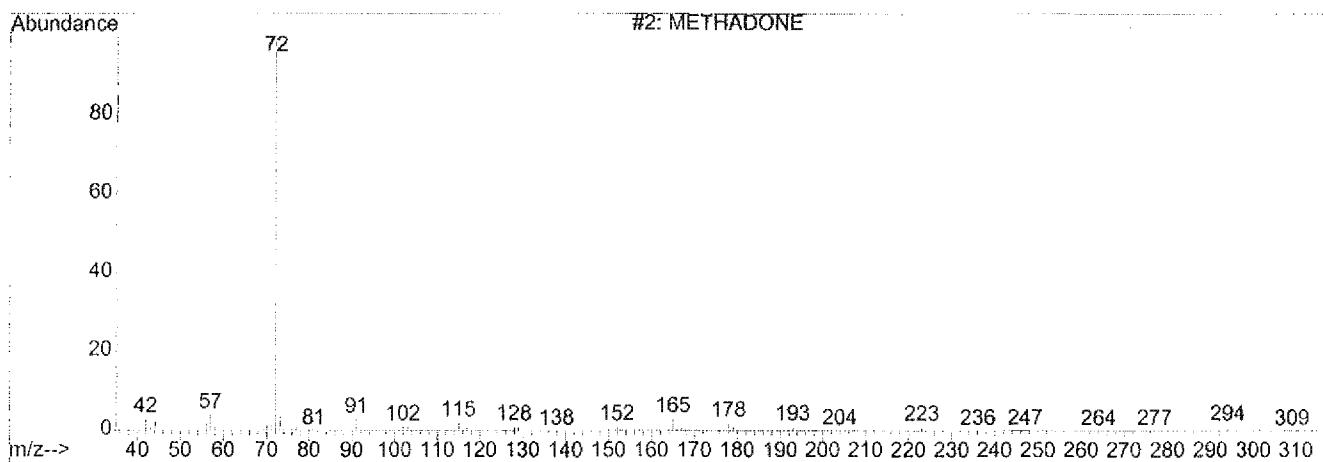
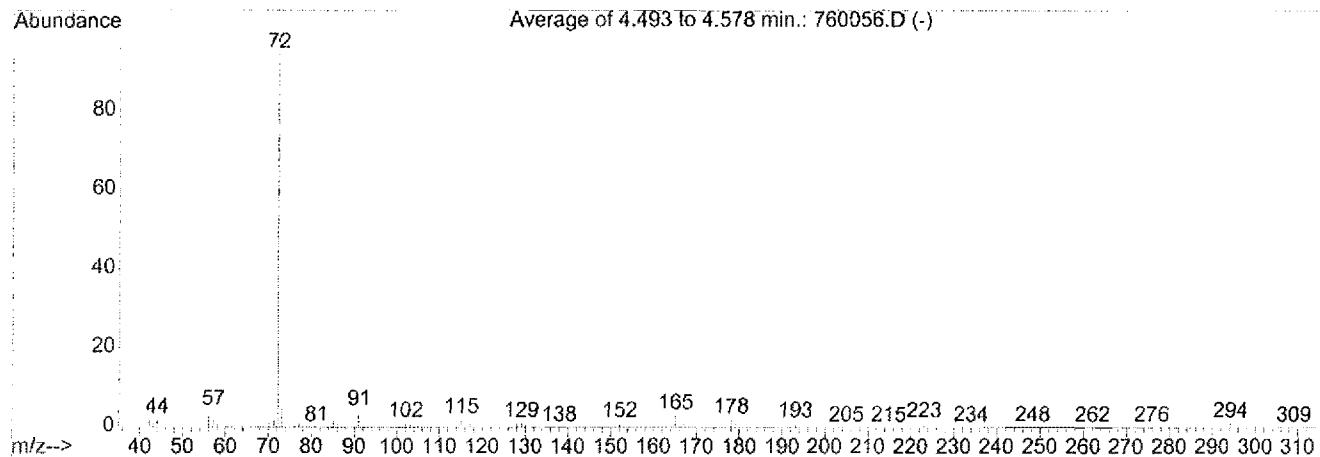
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_10_10\760056.D
Operator : DCS
Date Acquired : 10 Dec 2010 23:42
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 56
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

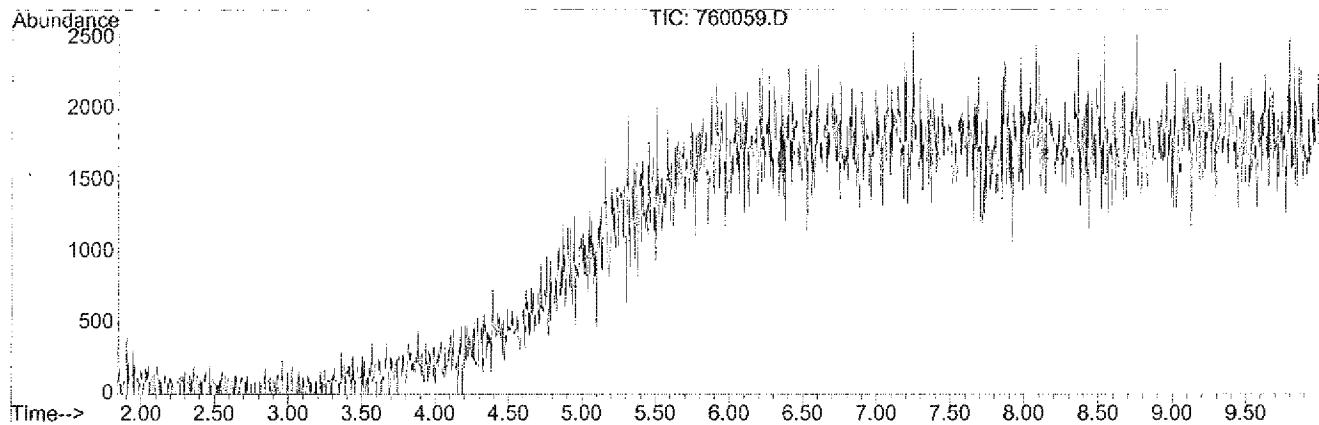
PK#	RT	Library/ID	CAS#	Qual
1	4.51	C:\DATABASE\SLI.L METHADONE	001095-90-5	97



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_10_10\760059.D
Operator : DCS
Date Acquired : 11 Dec 2010 00:22
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



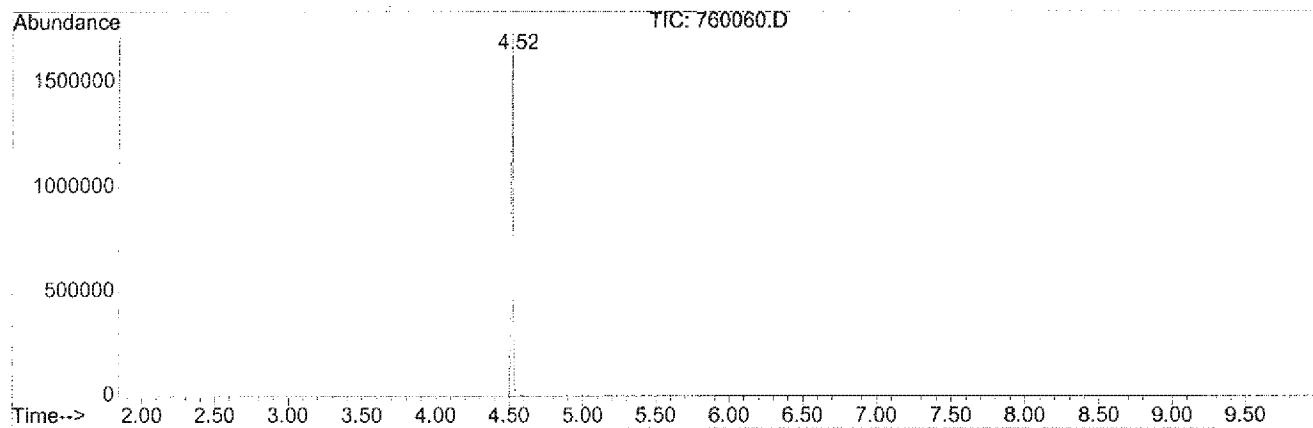
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_10_10\760060.D
Operator : DCS
Date Acquired : 11 Dec 2010 00:36
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 60
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.515	1587435	100.00	100.00

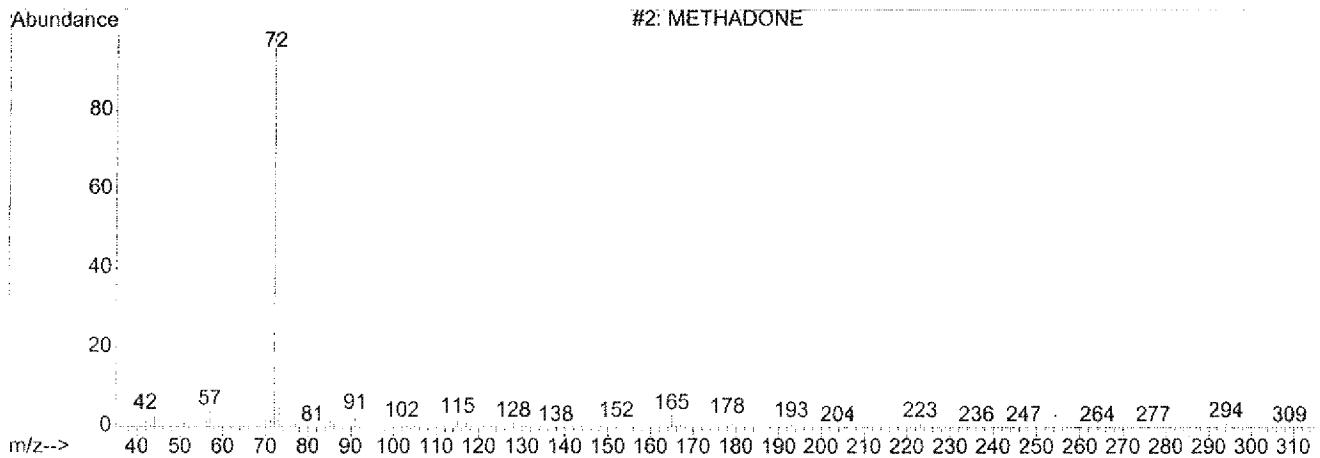
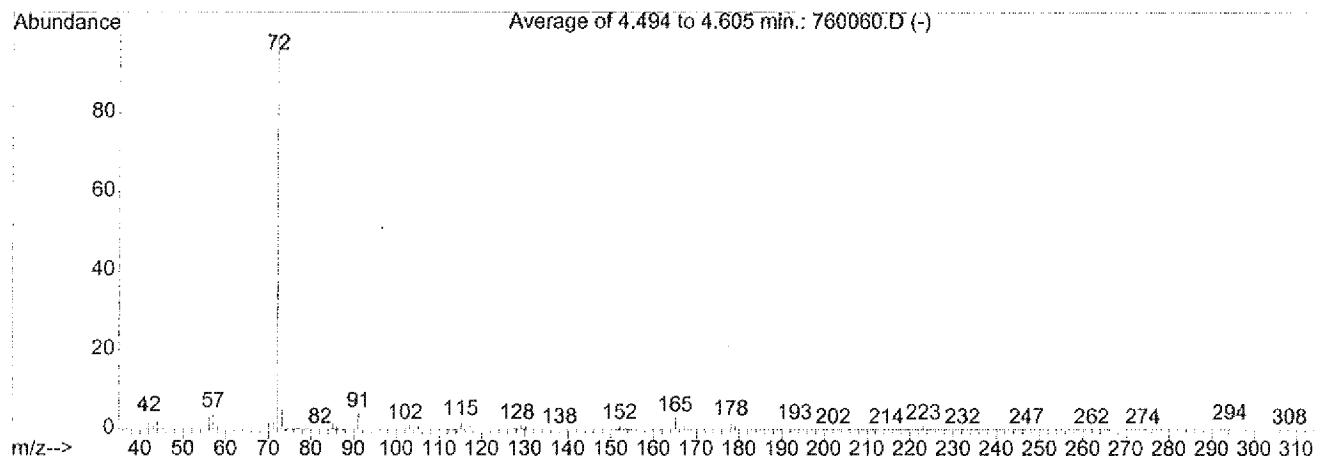
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_10_10\760060.D
Operator : DCS
Date Acquired : 11 Dec 2010 00:36
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 60
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

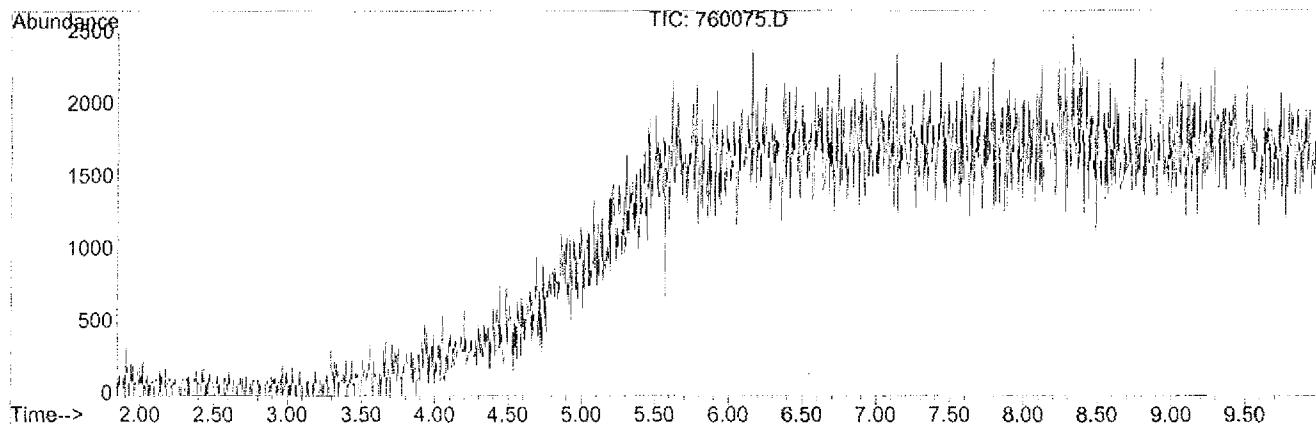
PK#	RT	Library/ID	CAS#	Qual
1	4.52	C:\DATABASE\SLI.L METHADONE	001095-90-5	97



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_10_10\760075.D
Operator : DCS
Date Acquired : 11 Dec 2010 3:59
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



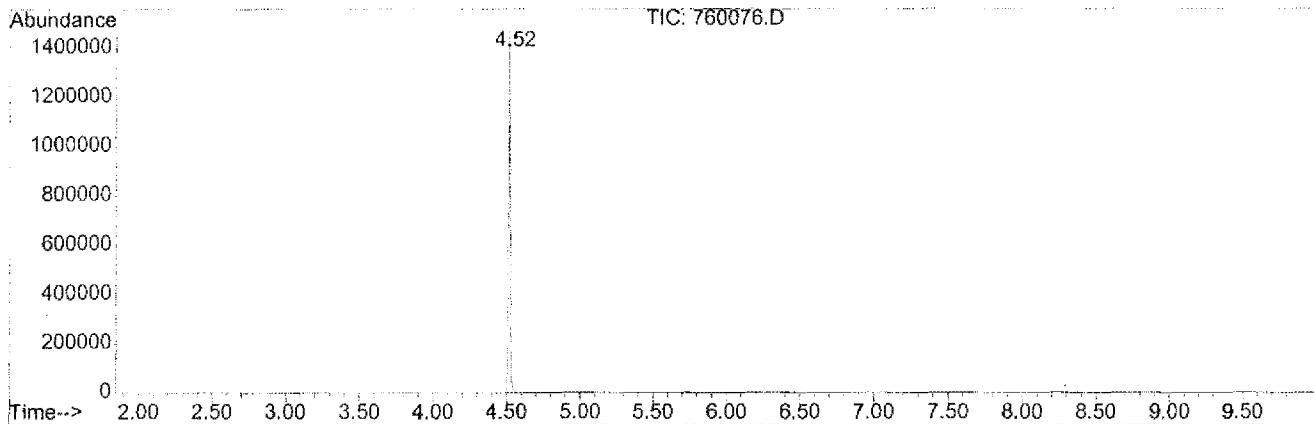
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_10_10\760076.D
Operator : DCS
Date Acquired : 11 Dec 2010 4:12
Sample Name : METHADONE STANDARD
Submitted by :
Vial Number : 48
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.515	1286856	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_10_10\760076.D
Operator : DCS
Date Acquired : 11 Dec 2010 4:12
Sample Name : METHADONE STANDARD
Submitted by :
Vial Number : 48
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.52	C:\DATABASE\SLI.L METHADONE	001095-90-5	97

